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## ABSTRACT

Provided is a listing of 60 assessment devices that may be used with children between 0 and 60 months. Entries are listed alphabetically by title and usually include the following information: publisher, age range, testing time, cost, and an annotation. It is noted that annotations do not imply support by the sponsoring organization (Northeast Regional Resource Center), but are intended to provide basic information to early childhood educators to consider in selection of assessment devices. Also provided are two tables--one listing the tests in a matrix according to 12 month intervals, and another listing the tests according to specific evaluative areas (such as language, visual motor, and speech and language). (SBH)

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EARLY CHILDHOOD ASSESSMENT LIST

PREPARED BY

THE NORTHEAST REGIONAL RESOURCE CENTER

REGION 9

HIGHTSTOWN, NEW JERSEY

CO 93195

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Information in this work may be duplicated.

## INTRODUCTION

The Northeast Regional Resource Center's purpose is to service seven states (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, Rhode Island, and Vermont) in the following areas: (1) state program development (2) educational appraisal (3) educational programming and (4) sharing resources. An initial task of the NERRC was to conduct a Needs Assessment file of the seven states in order to define the priorities of the seven State Education Agencies. State Education Agencies are being charged with the responsibility of identifying, diagnosing, and providing programs for children who are under the age of five. Specifically, one need expressed by these seven states was assessment tools and techniques in the area of early childhood education.

There are a multitude of methods and tools which can be used in the assessment of young children. Existing early childhood assessment theories and practices range from parent identification to elaborate diagnostic team methods. Regardless of who does the assessment of young children there are two basic approaches that can be used: (1) Normal behavioral and developmental guides and (2) Tools which assess learning and cognitive behavior. With the first approach, one would primarily utilize interview and observation techniques. With the second approach, one would utilize standardized tests. Behavioral and developmental scales are generally more appropriate for children in the first two years of life, when children are nonverbal. Tests which measure learning and cognitive behavior are more appropriate with children two years and older (Grotberg, 1975).

Behavioral growth is complicated. No timetable of behavior is exact for each child. Developmental scales more or less describe average behavior for each age level (Ames & Ilg, 1955). There is no precise yardstick against which a child's growth and development can be measured (Ross). Because of the difficulties involved in assessing young children a synthesis of developmental and behavioral scales is recommended (Grotberg, 1975).

The NERRC has compiled a listing of assessment devices that may be used with children between 0 and 60 months (pre kindergarten years). The scales and tests have been reviewed and briefly annotated. The annotations do not imply support by the NERRC, but are intended to provide basic information to early childhood educators to consider in their selection of assessment devices. Table I lists the tests in a matrix according to 12 month intervals. Table II lists the tests according to specific evaluative areas such as language, visual motor, etc. These two quick references are followed by the annotated test list.

The test list was compiled by:

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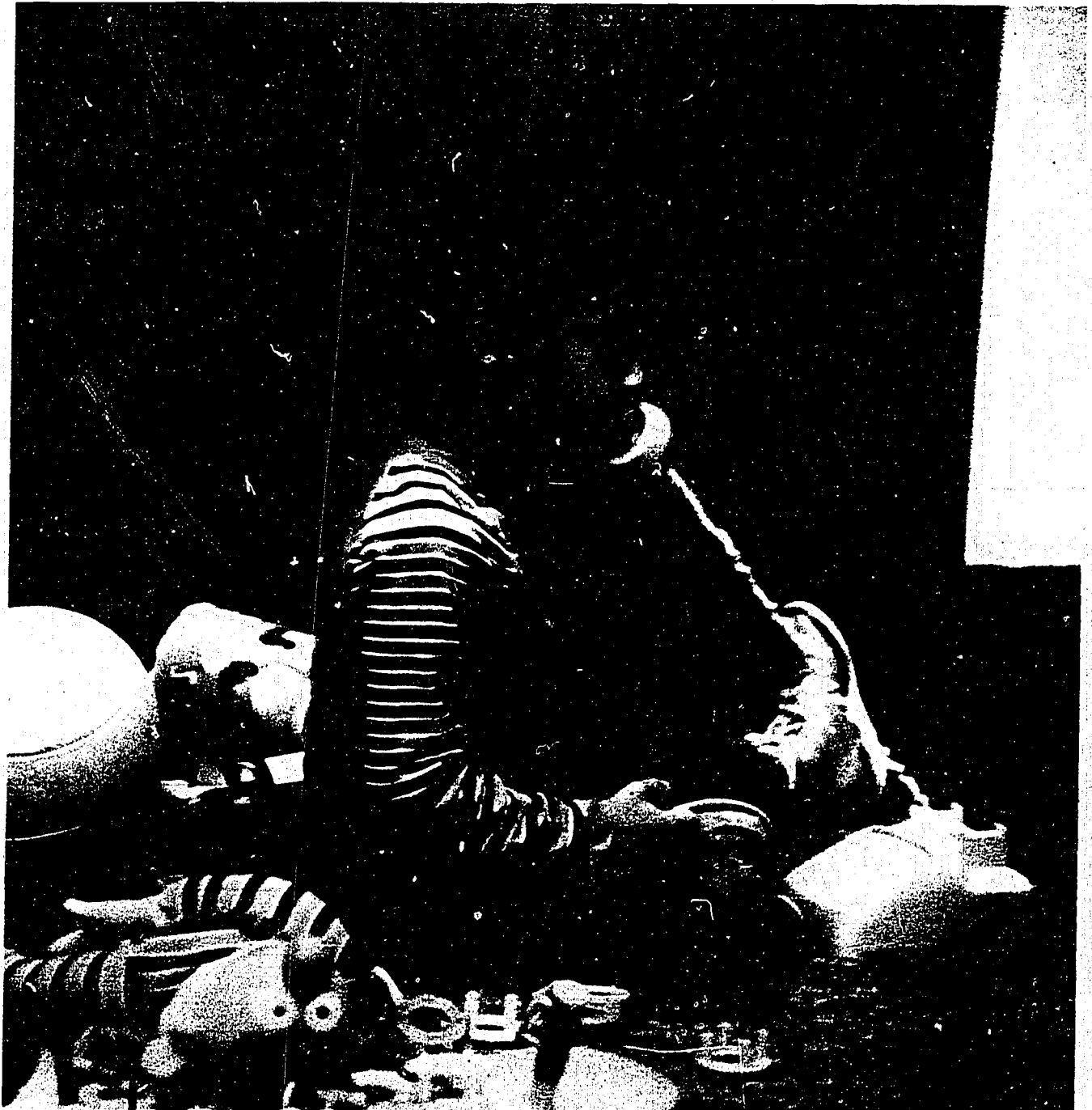


TABLE I

TESTS	AGES IN MONTHS					
	0-12	12-24	24-36	36-48	48-60	60-over
ABC Inventory		x	x	x	x	x
Animal Crackers					x	x
Assessment of Children's Language Comprehension			x	x	x	x
Austin Spanish Articulation Test			x	x	x	x
Basic Concept Inventory				x	x	x
Bayley Scales of Infant Development	x	x	x			
Behavioral Developmental Profile	x	x	x	x	x	x
California Preschool Social Competency Scale			x	x	x	x
Carrow Elicited Language Inventory			x	x	x	x
Cattell Infant Intelligence Scale	x	x	x			
Circus				x	x	x
Columbia Mental Maturity Scale				x	x	x
Communicative Evaluation Chart	x	x	x	x	x	
Cooperative Preschool Inventory			x	x	x	x
Denver Developmental Screening Test	x	x	x	x	x	x
Detroit Tests of Learning Aptitude				x	x	x
Developmental Task Analysis			x	x	x	x
Developmental Test of Visual-Motor Integration			x	x	x	x
Developmental Test of Visual Perception			x	x	x	x
French Pictorial Test of Intelligence				x	x	x
Gesell Action Agent Test				x	x	x
Gesell Developmental Schedules	x	x	x	x	x	x
Goldman-Fristoe Test of Articulation			x	x	x	x
Goldman-Fristoe Test of Auditory Discrimination					x	x
Goodenough-Harris Draw-A-Man				x	x	x
Houston Test for Language Development	x	x	x			
Illinois Test of Psycholinguistic Ability			x	x	x	x
Key Math Diagnostic Test				x	x	x
Leiter International Performance Scale			x	x	x	x
McCarthy Scales of Children's Activities			x	x	x	x

TESTS	AGES IN MONTHS					
	0-12	12-24	24-36	36-48	48-60	60-over
Preschool Screening System				x	x	x
Merrill-Palmer Language Scale		x	x	x	x	x
Minnesota Pre-School Scale		x	x	x	x	x
Movement Skills Survey				x	x	x
Oseretsky Tests of Motor Proficiency					x	x
Peabody Picture Vocabulary Test			x	x	x	x
Physician's Handbook Screening for MBD	x	x	x	x	x	x
Porteus Mazes				x	x	x
Preschool Attainment Record	x	x	x	x	x	x
Preschool Embedded Figures Test				x	x	x
Preschool Language Scale		x	x	x	x	x
Primary Self-Concept Inventory					x	x
Pupil Record of Educational Behavior				x	x	x
Rutgers Drawing Test					x	x
Santa Clara Inventory of Developmental Tasks	x	x	x	x	x	x
Screening Test for Auditory Comprehension of Language				x	x	x
Slosson Intelligence Test					x	x
Stanford-Binet Intelligence Test			x	x	x	x
STEPS					x	x
TARC Assessment System				x	x	x
Templin-Darley Tests of Articulation					x	x
Test for Auditory Comprehension of Language				x	x	x
Tests of Basic Experiences					x	x
Utah Test of Language Development		x	x	x	x	x
Verbal Language Development Scale	x	x	x	x	x	x
Vineland Social Maturity Scale	x	x	x	x	x	x
Wechsler Preschool & Primary Scale					x	x
Winterhaven Test					x	x
Y.E.M.R.				x	x	x
Yellow Brick Road				x	x	x

TEST	SCREENING	DIAGNOSTIC	SOCIAL-MEDICAL DEVELOPMENT	AFFECTIVE	COGNITIVE	AUDITORY	VISUAL MOTOR	GROSS MOTOR	SPEECH AND LANGUAGE	BILINGUAL	MATH
ABC Inventory	X			X							
Animal Crackers	X		X								
Assessment of Children's Language Comprehension		X						X			
Austin Spanish Articulation Test		X						X	X		
Basic Concept Theory	X			X							
Bayley Scales		X	X	X	X	X		X			
Behavioral Developmental Profile		X	X	X		X		X			
California Preschool Social Competency Scale		X		X							
Carrow Elicited Language Inventory		X						X	X		
Cattell Infant Intelligence Scale		X			X						
Circus	X	X	X	X	X	X	X			X	
Columbia Mental Maturity Scale		X			X				X		
Communicative Evaluation Chart	X					X					
Cooperative Preschool Inventory	X			X		X					
Denver Developmental Screening	X		X			X		X			
Detroit Tests of Learning Aptitude		X		X	X	X	X	X		X	
Developmental Task Analysis		X	X		X	X	X	X			
Developmental Test of Visual- Motor Integration		X				X					
Developmental Test of Visual Perception		X				X					
French Pictorial Test of Intelligence		X		X				X			
Gesell Action Agent Test		X		X	X	X		X			
Gesell Developmental Schedules		X		X	X	X		X			
Goldman-Fristoe Test of Articulation		X						X			
Goldman-Fristoe Test of Auditory Discrimination		X			X			X			
Goodenough - Harris Draw-A-Man		X		X							
Houston Test for Language Develop- ment		X						X			

TABLE II



TEST	SCREENING	DIAGNOSTIC	SOCIAL-MEDICAL DEVELOPMENT	AFFECTIVE	COGNITIVE	AUDITORY	VISUAL MOTOR	GROSS MOTOR	SPEECH AND LANGUAGE	BILINGUAL	MATH
I.T.P.A.		X			X	X	X		X		
Key Math Diagnostic Test		X								X	
Leiter		X			X	X		X	X		
McCarthy Scales		X			X		X	X		X	
Preschool Screening System	X		X		X		X	X	X		
Merrill-Palmer Language Scale		X				X		X			
Minnesota Preschool Scale		X			X						
Movement Skills Survey	X	X					X				
Oseretsky Tests of Motor Proficiency		X					X				
Peabody Picture Vocabulary		X			X			X			
Porteus Mazes		X				X					
Preschool Attainment Record		X		X	X		X				
Preschool Embedded Figures Test		X			X		X				
Preschool Language Scale		X						X			
Primary Self-Concept Inventory		X		X							
PREB		X			X	X	X	X		X	
Rutgers Drawing Test	X					X			X		
Santa Clara Inventory	X				X	X	X	X			
Screening Test for Auditory Comprehension of Language	X					X		X	X		
Slosson Intelligence Test	X				X						
Stanford - Binet		X			X			X			
STEPS	X				X			X			
TARC Assessment System	X			X			X	X			
Templin-Darley Test of Articulation	X	X						X			
Test for Auditory Comprehension of Language		X				X		X	X		
T.O.B.E.	X			X	X			X	X	X	
Utah Test of Language Development		X				X		X			

TEST	SCREENING	DIAGNOSTIC	SOCIAL-MEDICAL DEVELOPMENT	AFFECTIVE	COGNITIVE	AUDITORY	VISUAL MOTOR	GROSS MOTOR	SPEECH AND LANGUAGE	BILINGUAL	MATH
Verbal Language Development Scale		x						x			
Vineland		x	x	x							
WPPSI		x		x							
Winterhaven Test	x					x					
YEMR	x		x	x		x	x				
Yellow Brick Road		x	x		x	x	x	x			



## EARLY CHILDHOOD ASSESSMENT LIST

### ABC Inventory

Publisher: Norman A. Adair and George Glesch  
Muskegon, Michigan  
Age range: K-1; 3 yrs. 6 mos. - 6 Yrs. 7 mos.

There is no data on reliability and validity for predicting success. There are no norms on first grade entrants. The inventory is not adequately developed and researched. "It was constructed to identify children who are immature for a standard school program, suggesting a readiness concept based on the passage of time rather than the acquisition of experience. It can be administered by teachers. Instructions for administering are clear and brief. Vital information such as sex, geographical location, socioeconomic status, and ethnic composition are not presented" (Euros 7th).

### Animal Crackers: A Test of Factors of Motivation to Achieve

Publisher: CTB/McGraw Hill  
Del Monte Research Park  
Monterey California 93940  
Age range: Pre-K, K-1  
30 - 45 minutes  
\$12.80 set

Information derived from Animal Crackers should assist a teacher in providing learning and social experiences likely to optimize the development of achievement-oriented behavior and positive attitudes toward learning. Animal Crackers provides a measure of those aspects of achievement-oriented behavior that are not attributable to intellectual abilities. The test's premise is that a young child's success in school is a result of both his intellectual capacity and his motivation for learning. Contact Barry Baylor M. Ed., Evaluation Consultant, McGraw Hill.

### Assessment of Children's Language Comprehension (ACLC)

Publisher: Consulting Psychologist's Press  
577 College Avenue  
Palo Alto, California

Age range: 2 - 6 yrs.

10 - 15 minutes

\$9.75 specimen set; \$9.00 pictures; \$2.25 manual; \$1.25 for 25 record sheets

There is no data on reliability or norms. The assessment is recommended for research use. ACLC was developed to define receptive language difficulties in young children, and to indicate guidelines for correction of language disorders. The test uses a core vocabulary of fifty common words combined into 2-, 3-, and 4-element phrases. No oral responses are required from the child who points to an appropriate picture in response to a word or phrase from the examiner. It is a diagnostic tool for normal and handicapped children (Buros 7th).

### Austin Spanish Articulation Test

Publisher: Learning Concepts, Inc.  
2501 North Lamar  
Austin, Texas 78705

Age range: 3 - 12 yrs.

25 minutes

\$14.95 Examiner's kit

The test was developed under the supervision of Dr. Elizabeth Carrow-Woolfolk. The test is designed to evaluate the principle phonemes and phoneme combinations of the Spanish language. It is used by speech clinicians and therapists to identify articulation problems of Spanish-speaking children. Measures are single consonants and vowel sounds, major diphthongs and consonant clusters.

### Basic Concept Inventory (Engelmann)

Publisher: Follett Publishing Company  
Chicago, Illinois

Age range: Pre-K - 1

15 - 25 minutes

\$2.58 picture cards; \$2.16 manual; \$2.97 tests

There are no norms for reliability and validity. The population is supposedly "culturally disadvantaged", pre-school, K, slow learners, E.D., M.R. The test is based on Bereiter and Engelmann theory. There is information for classroom application, but it appears over-simplified. Much verbalization is required of the child. It tests the understanding of basic concepts needed to be successful in school. It is a criterion referenced checklist (Buros 7th).

### Bayley Scales of Infant Development

Publisher: Psychological Corporation  
304 East 45th Street  
New York, New York 10017

Age range: 2 mos. - 30 mos.

45 minutes

\$93.00 per set

There is broad coverage of behavior repertoire. The scales are recommended for clinical and research methods. There is no predictive validity. It is used in recognition and diagnosis of sensory and neurological defects. There is high reliability, excellent standardization - representative U. S. population, controlled for sex, race and education of head of household (Buros 7th).

### Behavioral Developmental Profile (Marshalltown)

Publisher: Marshalltown Project, J. Montgomery  
507 East Anson  
Marshalltown, Iowa 50158

Age range: 0 - 6 yrs.

The authors state that the test is designed to measure the development of handicapped and "culturally deprived" children, ages 0 - 6 years, in order to facilitate individualized teaching of preschool children within the home setting. The items are based upon normal child development. The profile consists of specifically stated skills divided into three scales; Communication, Motor, and Social. The guides list behavioral objectives reduced into sequential steps and activities to accomplish each objective.

### California Preschool Social Competency Scale

Publisher: Consulting Psychologists Press, Inc.  
577 College Avenue  
Palo Alto, California 94306

Age range: 2 yrs. 6 mos. - 5 yrs. 6 mos.

\$1.50 specimen set; \$1.25 manual; \$4.00 scales package of 25

The scale is an easy to use, thirty item teacher's rating scale used to obtain objective numerical evaluations of the social competency of preschool children. The items insure high reliability by calling for specific behaviors. A special feature of the manual is to provide percentile norms for children from high and low occupational levels for four age groups (by sex) from 2½ to 5½ years. The scale is a tool for diagnosis, placement, or measurement of developmental progress of young children.

### Carrow Elicited Language Inventory

Publisher: Learning Concepts, Inc.  
2501 North Lamar  
Austin, Texas 78705

Age range: 3 - 8 yrs.  
30 minutes approximately  
\$39.95 Examiner's kit

The inventory is a diagnostic procedure for obtaining performance data on the child's grammatical system. In addition, it allows the speech pathologist to determine specific linguistic structures contributing to inadequate language performance. It is designed for individual administration only. The test includes practice materials. The inventory is composed of 52 stimuli, ranging from 2 - 10 words in length and covering twelve grammatical categories.

### Cattell Infant Intelligence Scale

Publisher: Psychological Corporation  
304 East 45th Street  
New York, New York 10017

Age range: 3 mos. - 30 mos.  
20 - 40 minutes  
\$96.00 set

The scale is a downward extension of the Stanford - Binet. It has been modified by observations of the Merrill - Palmer, Minnesota Pre-school and Gesell scales. The Binet yields MA scores and IQs. It was published in 1940. The scale has five items and one or two alternate items for each age level. The score obtained is the child's mental age. A number of props are needed. The test is untimed and individually administered by a person with a sound background in child psychology, including mental testing of children and a nursery school training course. Item response rates for various ages of infants are reported. Spearman - Brown reliabilities and predictive validities with Stanford - Binet scores (36 mos.) are available.

### Circus

Publisher: Educational Testing Service  
Rosedale Road  
Princeton, New Jersey 08540

Age range: Pre-K - K

The test was developed by ETS in response to a need for a comprehensive array of assessment devices for use in nursery schools and kindergartens. The test is designed in a practical form for use by classroom teachers. There are 17 Circus instruments: Direct Child Measures - receptive vocabulary, quantitative concepts, visual discrimination, perceptual motor - coordination, discrimination



of real word sounds, auditory discrimination, aspects of functional language, comprehension of oral language, productive language, general information, visual and associative memory, problem solving, and divergent pictorial production; Indirect Child Measure - activities inventory. behavior inventory; Teacher Program Measure - educational environmental questionnaire. The Circus sample over-represents children in the northeast region, and children in cities with less than 50,000. It under-represents children in the southeast, children in cities over 50,000, and black children.

#### Columbia Mental Maturity Scale

Publisher: Psychological Corporation  
304 East 45th Street  
New York, New York 10017

Age range: 3 yrs. 6 mos. - 9 yrs. 11 mos.  
15 - 20 minutes

\$50.00 95 cards and guide for administering

The scale requires no verbal response and a minimum of motor response. It is suitable for cerebral palsy patients, and others with impaired verbal or physical functioning. Age deviation scores and a supplemental maturity index indicate the child's rank on a developmental age scale. A bilingual edition includes directions in Spanish.

#### Communicative Evaluation Chart From Infancy to Five Years

Publisher: Educators Publishing Service  
75 Moulton Street  
Cambridge, Massachusetts 02138

Age range: 0 - 5 yrs.

\$.25 per chart - four charts

There is no manual, nor data on reliability and validity. The norms are based on other tests. The chart is a screening device that gives an impression of the child's overall abilities. From 12 to 15 items are given for the ages: 3 mos.; 6 mos.; 9 mos.; 1 yr.; 1 yr. 6 mos.; 2 yrs.; 3 yrs.; 4 yrs.; and 5 yrs. This is essentially a checklist of items categorized by age.

#### Cooperative Preschool Inventory

Publisher: Educational Testing Service  
Rosedale Road  
Princeton, New Jersey 08540

Age range: 3 - 6 yrs.

\$2.50 per 20 tests; \$1.00 manual; \$1.00 technical report

There is no hard data for predicting validity. The inventory has



strong verbal emphasis. There are inadequate norms. "The test was designed for individual use. While not a culture-fair instrument, the test was developed to give a measure of achievement in areas regarded as necessary for success in school. The inventory is comprised of items of the information type and to a lesser extent, items requiring ability to label quantities, identify serial position, perceive shapes, and execute visual-motor basic drawing skills. The test has a strong verbal emphasis, but is relatively light on tasks such as short term memory, motor development and visual perception " (Buros 7th).

#### Denver Development Screening Test

Publisher: Laradon Hall  
East 51st Avenue and Lincoln  
Denver, Colorado

Age range: 2 wks. - 6 yrs.

15 - 20 minutes

\$1.00 per 100 tests; \$6.25 per kit of objects; \$1.00 manual  
(cash orders only)

The test was sampled in Denver and has limited norms. The test may not be appropriate to be used for minority children. It is not to be used to obtain an M.A. Reliability, validity and norms are not adequate. Contrary to claims the test should be given by one experienced with children. It evaluates four aspects of a child's personal - social development. The results in each sector are categorized as normal, abnormal and questionable. The test allows the examiner to look at the range of behavior in each infant and to interpret information to parents (Buros 7th).

#### Detroit Tests of Learning Aptitude

Publisher: Bobbs - Merrill Company  
Indianapolis, Indiana

Age range: 3 - 19 yrs.

\$3.00 pictorial material; \$5.90 per 35 record books; \$4.45 handbook

Detroit Tests are a series of 19 subtests designed to measure abilities in reasoning and comprehension, practical judgement, verbal ability, time and space relationships, number ability, auditory attentive ability, visual attentive ability, and motor ability. The range of mental ages measured is 3 - 19 years. Six subtests are recommended for the preschool age level. The test can be suitable for use with mentally retarded children. The tests yield a general mental age as well as subtest mental ages. It was standardized in the Detroit public schools on a population typical of large metropolitan cities. The 1967 revision of the manual is based on 1955 forms. No data on reliability of part scores is available.

### Developmental Task Analysis (Valett)

Publisher: Fearon Publishers  
Belmont, California

Age range: 2 - 7 yrs.

\$1.00 single copy, \$5.00 for 25, \$9.25 for 50 \$17.00 for 100

This is a form listing a hundred behavioral tasks basic to success in learning (most children accomplish these by the time they reach the intermediate grades). A scale is included for rating a child's accomplishment level in each of the tasks, and space for comments. The tasks cover seven basic areas: Motor Integration and Physical Development; Tactile Discrimination; Auditory Discrimination; Visual Motor Coordination; Visual Discrimination; Language Development and Verbal Fluency; and Conceptual Development. It is helpful in determining whether complete diagnostic evaluation is indicated, and in planning tentative educational programs for the child.

### Developmental Test of Visual - Motor Integration (Beery)

Publisher: Follett Publishing Company  
Chicago, Illinois

Age range: 2 - 8 yrs., 2 - 15 yrs.

10 minutes

\$8.25 per 15 tests; \$4.56 manual

Reliability and validity are not too useful. The test is good for detecting visual - motor integration. Test contains 24 geometric forms that a pupil is asked to copy, reflecting problems in visual perception, hand control, and coordination between the two. The aim is to facilitate classroom screening of the perceptual motor development of young children. There is a short form and a long form. Both can be easily administered by the classroom teacher. There are developmental norms with each geometric figure as well as for the entire test. "Scoring procedures are not so straight forward and contain a high degree of subjectivity " (Buros 7th).

### Developmental Test of Visual Perception (Frostig, Lefever, Whittlesey)

Publisher: Consulting Psychologists Press  
577 College Avenue  
Palo Alto, California

Age range: 2 - 8 yrs.

This is a test of visual motor skills to be administered to groups of children between the ages of 2 to 8 years. It may be given individually. The test should be given by an experienced tester, but can be given by classroom teachers if directions are followed carefully. The subtests include: eye - motor coordination, figure - ground discrimination, form constancy, position in space and

spatial relationships. This test can be scored with a high degree of objectivity, but careful attention to the scoring instructions is mandatory. The test may be given in one or up to four sittings, depending on the age and conditions.

### French Pictorial Test of Intelligence

Publisher: Houghton Mifflin  
53 West 43rd Street  
New York, New York 10036  
Age range: 3 - 8 yrs.  
45 minutes  
\$33.00 complete set

This test contains: picture vocabulary, information and comprehension, form discrimination, similarities, size and number, and immediate recall. It follows Binet, and has similar kinds of responses. The subtests are arranged in order of difficulty. There is adequate validity. The test is good for motor, speech, and language problems. It samples behavior relevant to psycho-educational demands.

### Gesell Action Agent Test

Publisher: Psychological Corporation  
New York, New York 10017  
Age range: 3 - 6 yrs.

This is a vocabulary test which consists of forty items such as, "what runs?", "what flies?", etc. The child is to supply the agent of the action. The test is more informative with the upper half of preschool range. It provides information about language comprehension as well as social and emotional maturity.

### Gesell Developmental Schedules

Publisher: Psychological Corporation  
304 East 45th Street  
New York, New York 10017  
Age range: 4 wks. - 6 yrs.  
20 - 30 minutes  
\$9.00 per set of test materials; \$10.95 manual

The schedules give developmental age to contrast with CA, and are good for screening procedures for school entry and initial class assignments. They avoid emotional factors and give simplified behavior scales. The Gesell should be used by trained personnel.

### Goldman - Fristoe Woodcock Test of Articulation

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota 55014

Age range: 2 yrs. and over  
less than 10 minutes

\$21.00 kit; \$7.50 filmstrip

This is a systematic assessment of the articulatory skills of children from 2 years on. Three subtests are provided to obtain a complete picture of a child's articulatory skills. It is appropriate for distractable, mentally retarded, and very young children. "The test is not in keeping with new psycholinguistic knowledge. The test gives uniformity in observation of speech patterns. Reliability and validity are not consistent " (Buros 7th).

### Goldman - Fristoe Woodcock Test of Auditory Discrimination

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota 55014

Age range: 4 yrs. and over  
10 - 15 minutes

\$22.00 kit

This test evaluates speech-sound discrimination under both quiet and distracting noise conditions. There are nine clinical samples which measure speech and language problems, learning problems, and hearing defects. There are clear and detailed procedures for administration and interpretation in the manual. Reliability is low, and validity is questionable, especially for mentally retarded children.

### Goodenough - Harris Draw - A - Man

Publisher: Harcourt, Brace, Javanovich, Inc.  
Test Department  
757 3rd Avenue  
New York, New York 10017

Age range: 3 - 15 yrs.  
\$5.00 specimen set; \$3.90 per 35 tests

The Goodenough - Harris is a nonverbal test of mental ability. The child is asked to draw a man, a woman and himself. Norms are available for 3 - 15 years, separately for boys and girls in the form of standard scores and percentile ranks. Buros states the user of the test should use Harris' guide book for accurate interpretation. More information is needed on the reliability and validity of the test. There are many good suggestions for art educators.

### Houston Test for Language Development (Part I and Part II)

Publisher: Houston Test Company  
Houston, Texas  
Age range: 0 - 3 yrs.

This test measures the growth of language in children in order to determine the level of therapy needed and in addition to determine progress with therapy. This test was constructed to measure the development of language in children up to three years of age. It is not consistent with new language theories. Buros recommends the use of another instrument for younger children. Categorized remarks are used in scoring.

### Illinois Test of Psycholinguistic Ability (ITPA)

Publisher: James McCarthy and Samuel Kirk  
University of Illinois Press  
Urbana, Illinois  
Age range: 2 - 10 yrs.  
90 minutes maximum (test can be interrupted)  
\$43.00 complete set

The ITPA is a complicated diagnostic test for use by the trained examiner only. There are ten tests and two supplementary tests. Wide discrepancies between abilities and disabilities help to identify the child with learning disabilities, and help outline areas requiring remediation. The ITPA actually tests cognitive functioning more than language. It omits reading, spelling, and other school associated tests. Test reliability is good, but standardization is questionable (middle class, white, average IQ). No data for learning disabled children is available. They must be compared to the norms.

### Key Math Diagnostic Test

Publisher: American Guidance Service, Inc.  
Publisher's Building  
Circle Pines, Minnesota 55014  
Age range: Pre-school - grade 6  
30 minutes approximately  
\$22.70 complete set

The Key Math provides a comprehensive assessment, utilizing fourteen subtests organized in three major areas; Content, Operations, and Applications. Each subtest contains items arranged in order of increasing difficulty. In the operations area the four subtests on fundamental computations (add., sub., multip., div.) contain some pencil and paper items. Other subtests in Key Math require the child to respond orally to open - ended items that are presented by the examiner. Total test score reliabilities are reported for each grade from K through 7th. The obtained correlations are in the .94 to .97 range.

### Leiter International Performance Scale (Russell G. Leiter)

Publisher: Western Psychological Services  
Box 775  
Beverly Hills, California  
Age range: 2 yrs. and over

The Leiter is a widely used non-verbal intelligence test, designed for use with individuals from two years through adults. It is excellent for use with speech handicapped, auditory - handicapped, illiterates, foreign born, and for persons of all cultural backgrounds. It is administered without language. The Leiter correlates very highly with other individual intelligence tests. The IQ has to be figured manually. There are no extrapolated tables such as in the Binet.

### McCarthy Scales of Children's Abilities

Publisher: Psychological Corporation  
308 East 45th Street  
New York, New York 10017  
Age range: 2 yrs. 6 mos. - 8 yrs. 6 mos.  
45 minutes age 5 and under, 60 minutes others  
\$59.00 set

The McCarthy assesses the intellectual and motor development of children two and a half to eight and a half years of age. It yields scores for verbal ability, short term memory, numerical ability, perceptual performance, motor coordination, lateral dominance, and overall intellectual competence. Tasks are suitable for both sexes, as well as for children from various ethnic, regional, and socioeconomic groups. It was standardized on a stratified sample controlled for age, sex, color, region of the country, and father's occupation.

### Preschool Screening System

Publisher: Preschool Screening System  
P. O. Box 1635  
Pawtucket, Rhode Island 02862  
Age range: Preschool  
15 - 20 minutes  
\$4.00 for 50 record forms; \$6.00 for 50 developmental questionnaires;  
\$6.00 manual

This is an individually administered screening test of learning efficiency combined with a parent questionnaire, which is used as a first step toward recognizing and responding to the special learning needs of the child entering school. The primary use of this screening system is for a quick survey of the learning skills of large numbers of entering school children, so that the school curriculum can better meet their needs. This system can be used as

part of a more detailed evaluation. The screening of the child includes: Information Processing Skill in Language, visual - motor and gross motor areas, and two supplementary subtests, namely, Draw - A - Person and Verbal Reasoning. The parent fills in a Developmental Questionnaire covering: Behavioral Characteristics or the skills and behavior of the child at home, plus a short Medical History and a Developmental History. Norms for ages 4 yrs. 4 mos., 4 yrs. 7 mos., 4 yrs. 8 mos., 4 yrs. 11 mos., 5 yrs., and 5 yrs. 4 mos. are provided for the above six areas (three child scores, three parent question sections).

#### Merrill - Palmer Language Scale

Publisher: C. H. Stoelting and Company  
Chicago, Illinois  
Age range: 1 yr. 6 mos. - 7 yrs.

This scale measures receptive and expressive language abilities and articulation. It provides age equivalent scores for auditory comprehension, verbal ability and overall language ability.

#### Minnesota Pre-School Scale (MPS)

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota  
Age range: 1 yr. 6 mos. - 6 yrs.  
30 minutes or less  
\$43.00 complete set; \$3.80 specimen set with manual

The MPS is a series of 26 short subtests which provide an estimate of verbal and non-verbal intelligence. The scale is administered individually because of the early age of the children tested. Raw scores may be converted into C scores, which are approximately equally spaced as to difficulty of attainment, or converted to percentile placement scores or IQ equivalents. The scale is standardized on 100 children at each of the half year points between 1 year 6 months and 6 years. The reliability coefficients of the MPS approximate .90 for all age levels within an age range of 6 months. The scale has a probable error of 2 months.

#### Movement Skills Survey

Publisher: Follett Publishing Company  
1010 W. Washington Boulevard  
Chicago, Illinois 60607  
Age range: 3 - 7 yrs.  
over a period of several weeks observation

This survey assists classroom teachers, movement education supervisors, school psychologists and other professional school personnel in



evaluating selected aspects of a child's motor development. It is intended to be used with the Frostig - Maslow's Move - Grow - Learn Program. It assesses children's abilities in coordination and rhythm, agility, flexibility, strength, speed, balance, and body awareness.

#### Oseretsky Tests of Motor Proficiency

Publisher: American Guidance Service, Inc.  
Publisher's Building  
Circle Pines, Minnesota  
Age range: 4 - 16 yrs.  
20 - 30 minutes  
\$35.00 per set

This is a year by year scale of fine and gross motor development of children. Six basic tasks are included for each age: General Dynamic Coordination; Motor Speed; Simultaneous Voluntary Movements, and Performance without Extraneous Movement. Pantomime demonstrations of the instructions reduce the intellectual component in performance on this test. There are no American norms, but it can be administered by a trained examiner.

#### Peabody Picture Vocabulary Test (PPVT)

Publisher: American Guidance Service, Inc.  
Publisher's Building  
Circle Pines, Minnesota  
Age range: 2 yrs. 6 mos. - 18 yrs.  
15 minutes or less  
\$18.50 set with plastic plates

The PPVT is an easily administered, quick, individual intelligence test that is appropriate for speech impaired, cerebral palsied, withdrawn, distractable, mentally retarded and remedial reading cases. It is non-verbal, and requires no special training to administer other than close attention to the manual and scoring directions. This test is untimed and takes less than 15 minutes. This test has a high correlation with both the Binet and Wechsler.

#### Physician's Handbook Screening for M. B. D.

Publisher: CIBA Pharmaceutical Company  
Division of CIBA - GEIGY Corporation  
P.O. Box 608  
Summit, New Jersey 07901  
Age range: 6 mos. - 6th grade  
time varies

This handbook was developed primarily for physicians, and is



designed to increase awareness of minimal brain dysfunction, and to present guidelines and diagnostic aids for office screening and case management. The guidelines are organized into sections dealing with medical, social, psychological, educational and language evaluations. These guidelines are designed to offer physicians a framework for evaluation and treatment. It is written in a manner that enables teachers and other staff to use the handbook.

#### Porteus Mazes, Vineland Revision

Publisher: Psychological Corporation  
304 East 45th Street  
New York, New York 10017  
Age range: 3 - 12 yrs., year 14 and adult  
15 - 60 minutes  
\$18.00 12 pads with pad of score sheets

The mazes are a non-language test of mental ability used with the verbally handicapped, in anthropological studies, and in research on the effects of drugs and psychosurgery. It is a series of twelve mazes. It is easily administered and scored. It is included as part of the Arthur Point Scale. This test is good for children and adults who might be considered untrainable. It was designed to provide a more accurate diagnosis of mental retardation. It does discriminate between severe and moderate TMR. "While there is much about the predicative validity of the test which is known, the full development of the test potential has suffered from a lack of clearly focused validation research" (Buros 7th).

#### Pre-School Attainment Record (Research Edition)

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota 55014  
Age range: 6 mos. - 7 yrs.  
20 - 30 minutes  
\$2.90 25 record blanks; \$1.60 manual; \$1.85 specimen set

The informant - interview method is used. Eight areas are tapped: Ambulation manipulation, rapport, communication, responsibility, information, ideation, and creativity. It is intended for determining the level of children for whom verbal intelligence tests are not appropriate i.e., LD, CP, ED, culturally deprived, deaf, blind, Aphasic. "It is divided into eight areas with fourteen age items under each category. As a scale which does not require language, and includes motor and social as well as intellectual competencies, it should prove useful in evaluating the developmental strengths and weaknesses of young children with physical, emotional or culturally-based developmental difficulties." (Buros 7th).

### Pre-School Embedded Figures Test (PEFT)

Publisher: Consulting Psychologists Press, Inc.  
577 College Avenue  
Palo Alto, California

Age range: 3 yrs. - 5 yrs. 10 mos.  
15 minutes approximately

\$2.75 manual; \$3.50 plates; \$1.75 for 25 sheets; \$1.75 for 25 recording forms

This is a series of devices to study the disembedding process. The PEFT has been used with children as young as 2 years 6 months. Normative data is based on 248 children aged 3 years to 5 years 10 months. It consists of 27 black and white plates all with an embedded triangle. This test requires the use of a stop watch.

### Pre-School Language Scale (Zimmerman)

Publisher: Charles E. Merrill Publisher Company  
Columbus, Ohio

Age range: 1 - 6 yrs.

This scale is designed to detect language strengths and deficiencies. It consists of two main parts: Auditory comprehension and verbal ability. It also includes a supplementary articulation section. Developmental ages are given. An auditory comprehension quotient and a verbal ability quotient can be derived as well as a general language quotient. Buros states this is a "naive instrument". It seems to be more confusing than helpful. It is a compilation of items from many traditionally used tests, and is not a thorough language inventory.

### Primary Self - Concept Inventory

Publisher: Learning Concepts, Inc.  
2501 North Lamar  
Austin, Texas 78705

Age range: 4 - 12 yrs.

\$2.95 test manual; male and female test booklets \$.60 each; \$4.15 specimen set; \$4.95 technical report

The Primary Self - Concept Inventory is composed of twenty pictorial stimuli designed to measure six factors in three domains of self - concept. The instrument can be used as a pre/post test for program evaluation, and as a screening instrument to identify children with potentially low self - concepts. Reliability and validity data has been collected on Black, Mexican - American, American Indian, and Anglo - American children.

### Pupil Record of Educational Behavior (PREB)

Publisher: Teaching Resources  
100 Boylston Street  
Boston, Massachusetts 02116

Age range: Preschool - upper primary  
30 minutes - 2 hours  
\$49.00 kit

This is a tool to aid the teacher in early identification of a child's strengths and weaknesses. It profiles a student's performance over a wide range of developmental skills including coordination in both gross and fine motor skills, visual motor integration, auditory and visual perception, and higher cognitive functions related to association, generalization, and problem solving, language development and mathematical concepts. It is not a test with norms. The child is not compared to other children. It is not designed to be used as the basis for placement of children in special class. It is useful to indicate possible difficulties and lead to further in - depth evaluations.

### Rutgers Drawing Test

Publisher: Anna Starr, PhD  
126 Montgomery Street  
Highland Park, New Jersey 08904

Age range: 4 - 6 yrs., 6 - 9 yrs.  
no time limit  
\$1.00 manual for each level; \$.06 per test

This is a non-verbal copying test of visual, perceptual and motor ability. Its norms are not adequately represented. Reliability is acceptable. More work is needed on predictive validity. It may be helpful in making subjective observations of perceptual - motor dysfunction or emotional disturbance. It can be used as a supplement to the Bender and Frostig. It is good for establishing rapport. The Rutgers Drawing Test can be used with non-English speaking, preschool, and speech impaired children.

### Santa Clara Inventory of Developmental Tasks

Publisher: Richard L. Zweig Associates  
520 Richey Avenue  
West Collingswood, New Jersey 08107

Age range: 0 - 7 yrs.  
\$40.00

This is an observational guide of developmental tasks. The areas measured are: motor coordination, visual-motor performance, visual perception, visual memory, auditory perception, auditory memory and conceptual development. There are accompanying remedial activities for each task. The inventory and the tasks can be used by the classroom teacher.

### Screening Test For Auditory Comprehension of Language

Publisher: Learning Concepts, Inc.  
2501 North Lamar  
Austin, Texas 78705

Age range: 3 - 6 yrs.  
\$3.75 specimen set

The test for Auditory Comprehension of Language can be used as a rapid method of identifying children for an in depth listing. Composed of 25 items, it is designed for easy small group administration by the classroom teacher. Responses to the oral stimuli are marked directly in individual test booklets. Spanish and English versions are available.

### Slosson Intelligence Test (SIT)

Publisher: Slosson Educational Publications  
140 Pine Street  
East Aurora, New York 14052

Age range: 4 yrs. and over, can be used for younger children  
10 -20 minutes  
\$5.00

The SIT can be used by teachers, principals, psychometrists, psychologists, guidance counselors, social workers, school nurses, and other responsible persons who need to evaluate a person's mental ability. Items are similar to the Stanford Binet. The validity of the IQs obtained on infants and children under four years of age is unsatisfactory. If IQs are very high or very low they may be useful for screening purposes. Items and tasks used in the infant and early childhood section of this test were taken directly, or adapted from the Gesell Developmental Schedules since the Stanford Binet does not contain an infant section. It yields sufficient validity for IQs for children four years into adulthood. The SIT is good as a quick screening device. It should not be substituted for the WISC or Binet. There is heavy emphasis on the verbal component. "Validity studies leave much to be desired. Extreme caution should be taken in relying on SIT test scores in situations where important diagnostic decisions are required, such as special class placements " (Buros 7th).

### Stanford - Binet Intelligence Scale

Publisher: Houghton Mifflin  
53 West 43rd Street  
New York, New York 10017

Age range: 2 - 18 yrs.  
varies with age to maximum of 90 minutes to two hours  
\$40.00 approximately

In its present version (1960) the Stanford - Binet is a result of

successive refinements of the original Binet Scales. It is composed of tasks which require a variety of responses from children, including the identification of common objects, hand - eye coordination, work definition, practical judgements, arithmetic computations, sentence completion and problem interpretations. The test is very verbal. "This is an old, old vehicle. It has led a distinguished life as a pioneer in the bootstrap operation, that is the assessment enterprise. Its time is just about over " (Buros 7th).

#### System for Teacher Evaluation for Pre - reading Skills (STEPS)

Publisher: CTB/McGraw Hill  
Del Monte Research Park  
Monterey, California 93940

Now in the research stage, STEPS has 37 objectives. It includes parent assistance cards. The parent cards are written on a 5th and 6th grade reading level.

#### TARC Assessment System (Topeka Association for Retarded Children)

Publisher: H and H Enterprises  
P.O. Box 3342  
Lawrence, Kansas 66044

Age range: 3 - 16 yrs.

Time varies

A new test just printed in 1975. The publishers are interested in having professionals review the assessment. The TARC system provides a short-form behavioral assesement of the capabilities of retarded, or otherwise severely handicapped children, on a number of skills related to education (self-help, motor, communication and social skills). The system provides a quick assessment which stresses observable behavioral characteristics. The standardization population was 238 severely handicapped children of both sexes, ranging in ages from three to sixteen years. The inventory is most discriminative at lower ranges of retardation.

#### Templin - Darley Tests of Articulation

Publisher: Bureau of Educational Research and Service  
State University of Iowa  
Iowa City, Iowa

Age range: 3 yrs. and over

5 - 15 minutes screening; 20 - 40 diagnostic

This test is good for a large group screening inventory in order to obtain a phonemic inventory. Competency requirements of the test administrator are not specified on the manual. The norms are based on a general American Caucasian dialect. It does not give degrees or frequencies of misarticulation.

### Test For Auditory Comprehension of Language

Publisher: Learning Concepts, Inc.  
2501 North Lamar  
Austin, Texas 78705

Age range: 3 - 6 yrs.

\$39.95 Examiner's kit, Spanish or English version

The test measures the child's understanding of English or Spanish language structure. The test is composed of 101 plates of pictorial referents. The child responds to each of the examiner's oral stimuli by pointing to one of three line drawings. Test results can be used to diagnose the language competence of bilingual and mentally retarded children as well as those with hearing, articulation, or language disorders. The test is designed for individual administration by speech or testing specialists.

### Tests of Basic Experiences (TOBE)

Publisher: CTB/McGraw Hill  
Del Monte Research Park  
Monterey, California 93940

Age range: Pre-K, K, 1st grade  
25 minutes approximately (five sections)

The TOBE measures educationally relevant concepts, experiences and differences among children which are directly related to the child's environment. It identifies concepts that children have, and have not mastered. The format is unique because there is only one test item per page. The TOBE was standardized with children from four community types (inner city, urban, suburban, and small city) throughout the U.S. Spanish directions for administering the TOBE have also been developed. The five tests are: mathematics, language, science, social studies, and general concepts. It can be administered by the classroom teacher.

### Utah Test of Language Development

Publisher: Communication Research Associates  
Box 11012  
Salt Lake City, Utah 84111

Age range: 1 yr. 5 mos. - 14 yrs. 5 mos.  
30 - 48 minutes

\$16.50 complete; \$1.10 25 record sheets; \$5.50 manual

This test was normed on 273 normal white children in Utah. It measures expressive and receptive verbal language skills. Language "milestones" are sampled. It is not recommended for children with visual-perceptual problems or non-white urban children. Buros states that more research is needed if it is to be used as a diagnostic instrument.

### Verbal Language Development Scale (VLDS)

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota 55104

Age range: 1 month - 16 yrs.

30 minutes

\$1.00 specimen set; \$.90 manual; \$2.50 25 score sheets

The VLDS is an expansion of the verbal portion of the Vineland Social Maturity Scale. Information is obtained by an interview method. It yields a language age equivalent based on a child's level of communication. The scale was standardized on 237 children selected as representative in respect to urban - rural residence, socioeconomic level and sex. It would be appropriate to use as an interview "gimmick" and evaluation of parents' perception of children's language skills.

### Vineland Social Maturity Scale

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota 55104

Age range: birth - adulthood

20 - 30 minutes

\$2.00 specimen set; \$1.80 manual; \$2.70 25 record blanks

The Vineland is an interview type test. It outlines performances in which the individuals show progressive capacity for looking after themselves and for participating in those activities which lead toward ultimate adult independence. The items are arranged, like a Binet - type scale, in order of increasing average difficulty in 6 categories: self-help; self-direction, occupation communication, locomotion, and socialization. Unless the examiner knows the subject intimately, he is dependent upon information furnished by an informant i.e., mother, father. It can be used as a record of developmental history; as a measure of growth or deterioration; a guide for child training; and vocational and educational guidance. (See Measurement of Social Competence below)

### Measurement of Social Competence (DOLL)

Publisher: American Guidance Service  
Publisher's Building  
Circle Pines, Minnesota

\$8.70 per text

This text thoroughly describes the Vineland Social Maturity Scale. It covers in detail the philosophy of the scale, its development, construction, procedures, scoring, standardization, item and



scale validation, reliability, applications, and lists research available. Twenty-four case studies are also provided. It is essential in order to obtain maximum precision and usefulness from the Vineland Social Maturity Scale. (See Vineland Social Maturity Scale)

#### Wechsler Preschool and Primary Scale of Intelligence (WPPSI)

Publisher: Psychological Corporation  
304 East 45th Street  
New York, New York 10017

Age range: 4 yrs. - 6 yrs. 6 mos. (overlaps WISC in the 5 - 6½ year range)

\$33.00 set with carrying case

The WPPSI is standardized on a sample at each of the six age levels, controlled for sex, color, father's occupation, geographic region and urban vs. rural residence. It yields separate Verbal and Performance IQs, and a Full Scale IQ. For this reason the intelligence scale might be preferable to the Stanford - Binet.

#### Winterhaven Perceptual Forms Test

Publisher: Author, Dr. M. Wold  
353 H Street  
Chula Vista, California 92010

Age range: 4 - 9 yrs.

The Winterhaven is a visual - motor screening test. It can be used separately, or together with the Winterhaven program. Visual memory is also tested. Results will indicate possible sensory motor problems in terms of actual reproduction, spatial orientation, organization, and anulation. Norms are suggested for chronological ages.

#### The Yellow Brick Road

Publisher: Learning Concepts, Inc.  
2501 North Lamar  
Austin, Texas 78705

Age range: 3 - 6 yrs.

\$29.95 Examiner's kit

The Yellow Brick Road is a screening instrument used to identify functioning strengths and weaknesses in preschool children. The program evaluates motor, visual, auditory and language functioning. The program is designed for group administration but allows for each child to be tested individually. After receiving admission tickets to the Land of Oz, the children follow The Yellow Brick Road to take game - like tests at four testing stations.

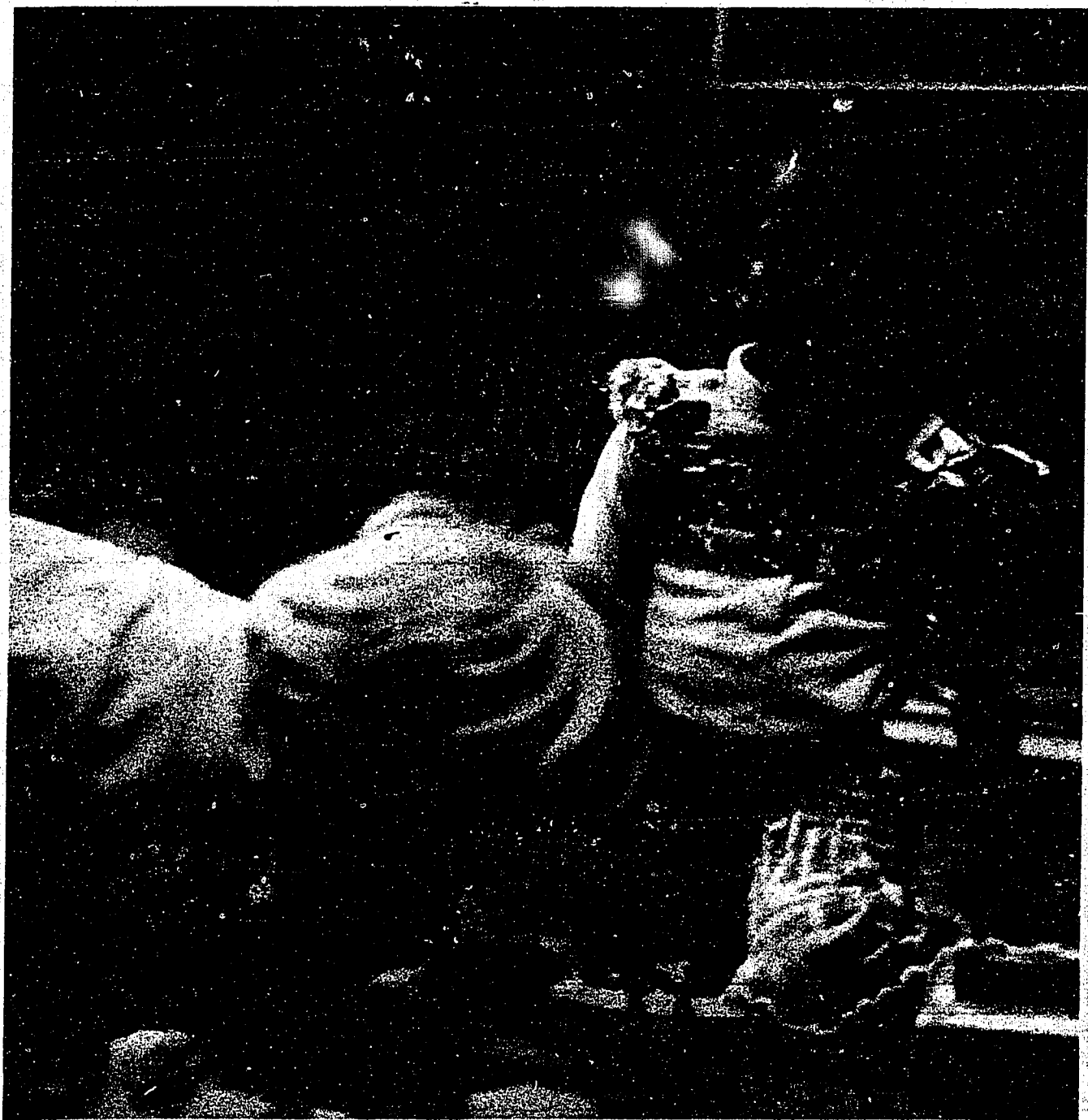


Administration requires four to eight examiners. Aides, volunteers, and parents can assist the examiners by directing children from one test station to another, or by detaining them when a test area is momentarily occupied. The test is used in research at Morehead and Peabody Colleges.

Y.E.M.R. Performance Profile for the Young Moderately and Mildly Retarded

Publisher: Reporting Service for Children  
563 Westview Avenue  
Ridgefield, New Jersey 07657  
Age range: Pre-K - primary  
time varies

This is an evaluative scale of an individual's performance based upon teacher observation. It is designed to identify performance levels of the pupil in a wide variety of the daily tasks in the curriculum. The child is evaluated on each item on the basis of level of performance alone, regardless of the age factor. The ten major areas in the profile are: social behavior; self - help; intellectual development; academics; imagination and creative expression; and emotional behavior.



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